

**SECTION 1      CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**CAS NUMBER:** 1571954-81-8

**SUBSTANCE:** BReaction product of disubstitutedcarbomonocycle,alkyl(C=1~3)alkanol(C=4~6)  
and alkanol(C=3~5)

**CHEMICAL FAMILY:**  
Ester, carboxylic, aromatic

**CREATION DATE:** 03/24/2014

**REVISION DATE:** 02/24/2015

**SECTION 2      COMPOSITION, INFORMATION ON INGREDIENTS**

**COMPONENT :** Reaction product of disubstitutedcarbomonocycle,alkyl(C=1~3)alkanol(C=4~6)  
and alkanol(C=3~5)

**CAS NUMBER :** 1571954-81-8

**PERCENTAGE :** 100

**SECTION 3      HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW: COLOR:** Colorless

**Physical form:** Liquid

**Odor:** Faint odor.

Low hazard for usual industrial or commercial handling by trained personnel.

**POTENTIAL HEALTH EFFECTS**

**Inhalation: Short term exposure:** No Information is available

**Long term exposure:** No Information is available

**Skin contact: Short term exposure:** Irritation.

**Long term exposure:** No Information is available

**Eye contact: Short term exposure:** No Information is available

**Long term exposure:** No Information is available

## **SECTION 4      FIRST AID MEASURES**

### **INHALATION:**

**FIRST AID-** If symptomatic, move to fresh air immediately.

Get medical attention if symptoms persist.

### **SKIN CONTACT:**

**FIRST AID-** Remove contaminated clothing and shoes immediately. Wash with soap or mild detergent and large amounts of water until no evidence of chemical remains (at least 15-20 minutes). Get medical attention if symptoms persist.

### **EYE CONTACT:**

**FIRST AID-** Wash eyes immediately with large amounts of water

If easy to do, remove contact lenses. Get medical attention if symptoms persist.

### **INGESTION:**

**FIRST AID-** Seek medical advice.

## **SECTION 5      FIRE FIGHTING MEASURES**

### **FIRE AND EXPLOSION HAZARD:**

Slight fire hazard when exposed to heat or flame.

### **EXTINGUISHING MEDIA:**

Dry chemical, carbon dioxide, water spray or regular foam

### **FIREFIGHTING:**

Move container from fire area if you can do it without risk. Do not scatter spilled material with high-pressure water streams. Dike fire-control water for later disposal

Use agents suitable for type of surrounding fire. Avoid breathing hazardous vapors, keep upwind.

## **SECTION 6      ACCIDENTAL RELEASE MEASURES**

**Absorb spill with vermiculite or other insert material, then place in a container for chemical waste.**

**FOR LARGE SPILL : Flush spill area with water spray. Prevent run off from entering drains, sewers, or streams**

## **SECTION 7      HANDLING AND STORAGE**

**PERSONAL PRECAUTIONARY MEASURES : No special precautionary health measure should be needed under anticipated conditions of use.**

**STORAGE : Keep container closed.**

## **SECTION 8      EXPOSURE CONTROLS, PERSONAL PROTECTION**

**EXPOSURE LIMITS: no data available**

### **VENTILATION:**

**Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstances such as poorly ventilated spaces, evaporation from large surfaces, spraying, heating, etc.**

### **EYE PROTECTION:**

**It is good industrial hygiene practice to minimize eye contact.**

### **CLOTHING:**

**It is good industrial hygiene practice to minimize skin contact.**

## **SECTION 9      PHYSICAL AND CHEMICAL PROPERTIES**

**DESCRIPTION:** Almost odorless, colorless to pale yellow, oily liquid.

**MOLECULAR WEIGHT:** 362.49

**BOILING POINT:** 365.1 ± 1.4 °C

**FREEZING POINT:** -45 °C (223K)

**VAPOR PRESSURE:** 2.62 x 10<sup>-6</sup> Pa @ 20 °C

**VAPOR DENSITY:** no data available

**SPECIFIC GRAVITY:** no data available

**WATER SOLUBILITY:** 2.19mg/L @ 20 °C

**PH:** no data available

**ODOR THRESHOLD:** no data available

**EVAPORATION RATE:** no data available

**FLASH POINT:** 210 °C

## **SECTION 10      STABILITY AND REACTIVITY**

**REACTIVITY:**

Stable under normal temperatures and pressures.

**INCOMPATIBILITIES:**

Spark , Flame , Source of ignition

**POLYMERIZATION:**

Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

## **SECTION 11      TOXICOLOGICAL INFORMATION**

Oral LD-50 ( rat ) > 2,000 mg/kg ( highest dose tested )

Skin Irritation Primary irritation index = 0.0, TG 404

Eye Irritation Minimal irritation (class 3), minimal irritant, TG 405

## **SECTION 12      ECOLOGICAL INFORMATION**

**ACUTE AQUATIC EFFECTS DATA :**

OECD TG 203, 96-Hour LL50 > 100mg/L loading rate WAF, NOEL > 100mg/L loading rate WAF

OECD TG 202, 48-Hour EL50 > 100mg/L loading rate WAF, NOEL > 100mg/L loading rate WAF

OECD TG 201, 72-Hour EL50 > 100mg/L loading rate WAF, NOEL > 100mg/L loading rate WAF

## **SECTION 13      DISPOSAL CONSIDERATIONS**

Discharge, treatment, or disposal may be subject to national, state or local laws.

#### **SECTION 14      TRANSPORT INFORMATION**

No classification currently assigned

#### **SECTION 15      REGULATORY INFORMATION**

a) Industrial Safety and Health Act: Not Listed

b) Toxic Chemical Control Act

- U.S. REGULATIONS

TSCA inventory status: Not listed.

TSCA 12b export notification: Not listed.

c) Dangerous Material Safety Control Act: no data available

d) Wastes Management Act: no data available

e) Other requirements in domestic and other countries: no data available

#### **SECTION 16      OTHER INFORMATION**

a) Information source and references: -

b) Issuing date: 03/14/2014

c) Revision number and date: 6th Revision 02/24/2015

d) others: -

Depending on the country or region, and may be different from the information contained in this MSDS, it may not match the actual content of the regulations, it is your responsibility to verify compliance with the relevant provisions of the local government, and who is the buyer and handle.

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